

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northwest</b>				
(IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/01/07 07:00 CST		0	Ice Storm
	12/01/07 18:06 CST		0	
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL				
	12/01/07 10:15 CST		0	Winter Storm
	12/01/07 21:30 CST		0	
On December 1, 2007 a strong low pressure system tracked from western Kansas to northern Wisconsin. Warm moist air aloft, combined with surface temperatures below freezing, created ideal conditions for a significant ice storm. Some areas also reported significant accumulations of sleet. Ice accumulations of 1/4 to 3/4 of an inch, combined with winds gusting to 30 to 40 mph, knocked down some branches and trees causing scattered power outages. Law enforcement reported many cars that slid into ditches. However, the impacts from this storm were much less, when compared to the crippling ice storm that struck the region on February 24, 2007.				
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z017) BUREAU, (IL-Z018) PUTNAM				
	12/04/07 16:15 CST		0	Winter Weather
	12/05/07 06:30 CST		0	
An Alberta Clipper storm system tracked from the Dakotas to southeast Iowa December 4-5, 2007. The path of the low spread a swath of 2 to 5 inches of snow across northeast Iowa and northwest Illinois. A few locations in extreme northwest Illinois measured over 5 inches from this fast moving storm system.				
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/06/07 14:20 CST		0	Winter Weather
	12/06/07 22:30 CST		0	
On December 6, 2007 a fast moving upper level disturbance spread snow across much of the region. The snow fell for only about 5 to 7 hours with 2 to 4 inches accumulation common.				
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/10/07 22:00 CST		50K	Ice Storm
	12/11/07 22:30 CST		0	
A large area of freezing rain fell across the region on December 10-11, 2007. This precipitation occurred on the cold side of a stationary frontal boundary that extended from the southern Plains to the lower Ohio Valley. Ice accumulations were in the 1/4 to 1 inch range, with snow and sleet mixed with the freezing rain in some areas. The ice knocked down some trees and branches, with scattered power outages reported. Temperatures gradually rose above freezing the morning of December 11 from I-80 southward, melting the ice. In addition, most counties were declared either a state or federal disaster area.				
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/15/07 01:25 CST		0	Winter Weather
	12/16/07 00:00 CST		0	
A storm system tracked from Texas to Ohio spreading light snow across most of eastern Iowa and western Illinois on December 15, 2007. Snowfall amounts of 2 to 4 inches were common, with isolated accumulations of around 5 inches.				
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/20/07 06:00 CST		0	Dense Fog
	12/22/07 17:00 CST		0	

Warmer air flowing over a snow-covered ground caused dense fog to form, which lasted for about a 36 hour period. The dense fog developed on December 20, 2007 and finally dissipated on December 22. Visibilities were frequently at or below 1/4 mile during this period. Numerous schools either cancelled or delayed classes for two days. Also, aviation was impacted with many flights cancelled or

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
delayed.				
(IL-Z001) JO DAVIESS				
	12/22/07 18:00 CST		0	Winter Storm
	12/23/07 15:00 CST		0	
(IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/22/07 18:00 CST		0	Winter Weather
	12/23/07 18:00 CST		0	
An intense low pressure system tracked from the Texas panhandle to near Chicago, and then to upper Michigan December 22-23, 2007. This storm system dumped around 4 inches of snow in extreme northwest Illinois. Elsewhere in Illinois, only around an inch of snow was reported, but the snow was mixed with freezing rain and sleet. In fact, portions of westcentral Illinois had ice accumulations of up to 1/4 inch. Behind the storm system, west winds gusted to 50 mph. This led to considerable blowing and drifting snow with near blizzard conditions in extreme northwest Illinois for a time on Sunday December 23. Many roads were closed especially in areas where the heaviest snow fell.				
(IL-Z001) JO DAVIESS, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/28/07 05:00 CST		0	Winter Weather
	12/28/07 17:00 CST		0	
(IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE				
	12/28/07 06:15 CST		0	Heavy Snow
	12/28/07 16:45 CST		0	
Low pressure moved rapidly from the southern Plains to eastern Missouri and then to southern lower Michigan. This spread a large area of snow across the region on December 28 2007, with the snow falling for about 6 to 12 hours. The storm produced several hours of moderate to heavy snow, with rates of an inch or more per hour in the heavy snow bands. Widespread 3 to 6 inches of accumulation occurred, with a band of 6 to 7 inches falling from the Quad Cities to Freeport, Illinois. The wind was relatively light during the event, so blowing and drifting was not an issue.				
(IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	12/31/07 10:00 CST		0	Winter Weather
	12/31/07 21:00 CST		0	
(IL-Z017) BUREAU				
	12/31/07 14:00 CST		0	Heavy Snow
	12/31/07 21:00 CST		0	
Low pressure moved from southeast Kansas to central Missouri to eastern Indiana. This track spread an area of 3 to 6 inches of snow across southeast Iowa, western Illinois and northeast Missouri on December 31, 2007, with isolated higher amounts in western Illinois. The snow lasted for only about 5 to 8 hours.				
IOWA, East Central and Southeast				
(IA-Z051) BENTON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE				
	12/01/07 06:35 CST		0	Ice Storm
	12/01/07 19:00 CST		0	
(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON				
	12/01/07 08:29 CST		0	Winter Storm
	12/01/07 19:00 CST	1	0	

On December 1, 2007 a strong low pressure system tracked from western Kansas to northern Wisconsin. Warm moist air aloft,

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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combined with surface temperatures below freezing, created ideal conditions for a significant ice storm. Some areas also reported significant accumulations of sleet. Ice accumulations of 1/4 to 3/4 of an inch, combined with winds gusting to 30 to 40 mph, knocked down some branches and trees causing scattered power outages. Law enforcement reported many cars that slid into ditches. Two known injuries occurred in eastern Iowa due to the icy conditions (one an indirect injury that happened on December 3). However, the impacts from this storm were much less, when compared to the crippling ice storm that struck the region on February 24, 2007.

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(IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z053) JONES, (IA-Z054) JACKSON

12/04/07 15:30 CST	0	Winter Weather
12/05/07 03:50 CST	0	

An Alberta Clipper storm system tracked from the Dakotas to southeast Iowa December 4-5, 2007. The path of the low spread a swath of 2 to 5 inches of snow across northeast Iowa and northwest Illinois. A few locations in extreme northwest Illinois measured over 5 inches from this fast moving storm system.

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(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE

12/06/07 13:30 CST	0	Winter Weather
12/06/07 22:33 CST	0	

On December 6, 2007 a fast moving upper level disturbance spread snow across much of the region. The snow fell for only about 5 to 7 hours with 2 to 4 inches accumulation common.

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(IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE

12/10/07 22:00 CST	1	0.20M	Ice Storm
12/11/07 22:00 CST		0	

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(IA-Z041) DELAWARE

12/11/07 01:30 CST	0	Winter Storm
12/11/07 13:45 CST	0	

A large area of freezing rain fell across the region on December 10-11, 2007. This precipitation occurred on the cold side of a stationary frontal boundary that extended from the southern Plains to the lower Ohio Valley. Ice accumulations were in the 1/4 to 1 inch range, with snow and sleet mixed with the freezing rain in some areas. The ice knocked down some trees and branches, with scattered power outages reported. Temperatures gradually rose above freezing the morning of December 11 from I-80 southward, melting the ice. One fatality occurred in Cedar Rapids when a falling ice-laden branch struck a man's head. In addition, most counties were declared a state or federal disaster area.

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(IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE

12/15/07 00:00 CST	0	Winter Weather
12/15/07 23:45 CST	0	

A storm system tracked from Texas to Ohio spreading light snow across most of eastern Iowa and western Illinois on December 15, 2007. Snowfall amounts of 2 to 4 inches were common, with isolated accumulations of around 5 inches.

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(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE

12/20/07 07:00 CST	0	Dense Fog
12/22/07 16:55 CST	0	

Warmer air flowing over a snow-covered ground caused dense fog to form, which lasted for about a 36 hour period. The dense fog developed on December 20, 2007 and finally dissipated on December 22. Visibilities were frequently at or below 1/4 mile during this period. Numerous schools either cancelled or delayed classes for two days. Also, aviation was impacted, with many flights cancelled or delayed. The Iowa DOT urged no travel in southeast Iowa during the evening hours on December 20, as visibilities were frequently near zero. A car slammed into the back of a semi-truck on I-80 in Bettendorf, Iowa at 8 am on December 21 in the dense fog. Two people were injured in the accident.

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(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON,

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN				
	12/22/07 14:40 CST		0	Winter Storm
	12/23/07 15:00 CST		0	

(IA-Z068) SCOTT, (IA-Z099) LEE

12/22/07 18:15 CST	0	Winter Weather
12/23/07 15:00 CST	0	

An intense low pressure system tracked from the Texas panhandle to near Chicago, and then to upper Michigan December 22-23, 2007. This storm system dumped heavy snow amounts of 4 to 8 inches over most of eastern Iowa. However, snow accumulations were only 2 to 3 inches closer to the Mississippi River, as the snow was mixed with freezing rain and sleet. Behind the storm system, west winds gusted to 50 mph. This led to considerable blowing and drifting snow with near blizzard conditions for a time on Sunday morning December 23. Many roads were closed, especially north of I-80 where the heaviest snow fell.

(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE				
	12/28/07 00:35 CST		0	Winter Weather
	12/28/07 16:35 CST		0	

(IA-Z068) SCOTT

12/28/07 04:45 CST	0	Heavy Snow
12/28/07 14:45 CST	0	

Low pressure moved rapidly from the southern Plains to eastern Missouri and then to southern lower Michigan. This spread a large area of snow across the region on December 28 2007, with the snow falling for about 6 to 12 hours. The storm produced several hours of moderate to heavy snow, with rates of an inch or more per hour in the heavy snow bands. Widespread 3 to 6 inches of accumulation occurred, with a band of 6 to 7 inches falling from the Quad Cities to Freeport, Illinois. The wind was relatively light during the event, so blowing and drifting was not an issue.

(IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE				
	12/31/07 08:15 CST		0	Winter Weather
	12/31/07 19:35 CST		0	

Low pressure moved from southeast Kansas to central Missouri to eastern Indiana. This track spread an area of 3 to 6 inches of snow across southeast Iowa, western Illinois and northeast Missouri on December 31, 2007, with isolated higher amounts in western Illinois. The snow lasted for only about 5 to 8 hours.

### MISSOURI, Northeast

(MO-Z009) SCOTLAND, (MO-Z010) CLARK

12/01/07 06:30 CST	0	Ice Storm
12/01/07 14:15 CST	0	

On December 1, 2007 a strong low pressure system tracked from western Kansas to northern Wisconsin. Warm moist air aloft, combined with surface temperatures below freezing, created ideal conditions for a significant ice storm. Some areas also reported significant accumulations of sleet. Ice accumulations of 1/4 to 3/4 of an inch, combined with winds gusting to 30 to 40 mph, knocked down some branches and trees causing scattered power outages. Law enforcement reported many cars that slid into ditches. However, the impacts from this storm were much less, when compared to the crippling ice storm that struck the region on February 24, 2007.

(MO-Z009) SCOTLAND, (MO-Z010) CLARK

12/06/07 13:30 CST	0	Winter Weather
12/06/07 19:00 CST	0	

On December 6, 2007 a fast moving upper level disturbance spread snow across much of the region. The snow fell for only about 5 to 7 hours with 2 to 4 inches accumulation common.

(MO-Z009) SCOTLAND, (MO-Z010) CLARK

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(MO-Z009) SCOTLAND, (MO-Z010) CLARK				
	12/10/07 22:00 CST		7K	Ice Storm
	12/11/07 21:00 CST		0	
A large area of freezing rain fell across the region on December 10-11, 2007. This precipitation occurred on the cold side of a stationary frontal boundary that extended from the southern Plains to the lower Ohio Valley. Ice accumulations were in the 1/4 to 1 inch range, with snow and sleet mixed with the freezing rain in some areas. The ice knocked down some trees and branches, with scattered power outages reported. Temperatures gradually rose above freezing the morning of December 11, melting the ice. In addition, most counties were declared a state or federal disaster area.				
(MO-Z009) SCOTLAND, (MO-Z010) CLARK				
	12/15/07 02:00 CST		0	Winter Weather
	12/15/07 23:45 CST		0	
A storm system tracked from Texas to Ohio spreading light snow across most of eastern Iowa and western Illinois on December 15, 2007. Snowfall amounts of 2 to 4 inches were common, with isolated accumulations of around 5 inches.				
(MO-Z009) SCOTLAND, (MO-Z010) CLARK				
	12/20/07 09:00 CST		0	Dense Fog
	12/21/07 20:15 CST		0	
Warmer air flowing over a snow-covered ground caused dense fog to form, which lasted for about a 36 hour period. The dense fog developed on December 20, 2007 and finally disipated on December 22. Visibilities were frequently at or below 1/4 mile. Numerous schools either cancelled or delayed classes for two days. Also, aviation was impacted, with many flights cancelled or delayed.				
(MO-Z009) SCOTLAND				
	12/22/07 16:15 CST		0	Winter Storm
	12/23/07 03:00 CST		0	
(MO-Z010) CLARK				
	12/22/07 19:00 CST		0	Winter Weather
	12/23/07 02:00 CST		0	
An intense low pressure system tracked from the Texas panhandle to near Chicago, and then to upper Michigan December 22-23, 2007. This storm system dumped snow amounts of around 4 inches across portions of northeast Missouri. The snow was also mixed with freezing rain and sleet.				
(MO-Z009) SCOTLAND, (MO-Z010) CLARK				
	12/28/07 04:30 CST		0	Winter Weather
	12/28/07 11:00 CST		0	
Low pressure moved rapidly from the southern Plains to eastern Missouri and then to southern lower Michigan. This spread a large area of snow across the region on December 28 2007, with the snow falling for about 6 to 12 hours. The storm produced several hours of moderate to heavy snow, with rates of an inch or more per hour in the heavy snow bands. Widespread 2 to 3 inches of accumulation occurred across northeast Missouri. The wind was relatively light during the event, so blowing and drifting was not an issue.				
(MO-Z009) SCOTLAND, (MO-Z010) CLARK				
	12/31/07 10:00 CST		0	Winter Weather
	12/31/07 16:30 CST		0	
Low pressure moved from southeast Kansas to central Missouri to eastern Indiana. This track spread an area of 3 to 6 inches of snow across southeast Iowa, western Illinois and northeast Missouri on December 31, 2007, with isolated higher amounts in western Illinois. The snow lasted for only about 5 to 8 hours.				